

# Public Health Reports.

(Formerly "Abstract of Sanitary Reports.")

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

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WASHINGTON, D. C., NOVEMBER 6, 1896.

No. 45.

## UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

### *Smallpox in Helena.*

LITTLE ROCK, ARK., *October 31, 1896.*

SIR: I have the honor to inclose herewith a clipping from the Arkansas Gazette of this date, giving an account of smallpox at Helena, Ark.

Very respectfully,

L. P. GIBSON,  
*Acting Assistant Surgeon, U. S. M. H. S.*

HELENA, ARK., *October 30, 1896.*

Numerous rumors having been spread throughout the country by irresponsible parties to the effect that smallpox existed in this city in an epidemic form, the chamber of commerce this afternoon adopted the following resolutions:

Whereas, rumors have been circulated in adjoining towns that the city of Helena is infected with a large number of smallpox cases, and that the disease is epidemic here; and

Whereas, it is but proper that these rumors should be corrected and the exact truth published; therefore, be it

Resolved, by the chamber of commerce of the city of Helena, that the following true facts be published to the world: That from the reports of the city physician made officially to the board of health, it appears that there are 12 cases of smallpox in the city, no new cases occurring within a week and only 1 death so far has occurred; that the disease is confined entirely to negroes; that all the cases are but a mild form of the disease; that by strict enforcement of sanitary laws all danger of the spreading of the disease, or of any new cases, has been effectually stopped, and that no danger of contagion need be feared henceforth.

J. O. BAGWELL,  
*Secretary.*

LEON BURTON,  
*President Chamber of Commerce.*

I certify that the above is a true statement of the official report of the city physician, made this day to the board of health.

N. J. FRITSCHEN,  
*Mayor of Helena and ex-officio President of the Board of Health.*

*Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, May 9, 1896, to November 4, 1896.\**

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile County.....	June 5.....	1		
	July 5.....	1		
Arkansas:				
Conway County.....	Sept. 18.....	1		
Faulkner County.....	do.....	9		
Helena.....	Oct. 14-Oct. 30....	12	1	
Van Buren County.....	Sept. 18.....			Smallpox reported.
Florida:				
Key West.....	June 25-Aug. 3....	42	8	
Pensacola.....	May 20-July 4....	5	2	
	July 11-July 18....	1		
Indiana:				
Indianapolis.....	May 29.....	1		
Louisiana:				
New Orleans.....	May 9-July 18....	83	24	
	July 25-Aug. 22....	7	2	
	Sept. 19-Sept. 26....	1		
Shreveport.....	May 16-May 30....	2		
	June 6-June 13....	6		
New York:				
New York.....	May 1-May 31....	1	1	
North Hempstead.....	do.....	1		
Ohio:				
Dayton.....	May 28-June 4....	1	1	
	June 18-June 25....	1	1	
	July 2-July 9....		1	
Tennessee:				
Memphis.....	May 1-May 30....	10		
Shelby County (not includ- ing Memphis).....	May 1-May 31....	8	2	
	June 1-June 30....	3		
	July 1-July 31....	5	2	
Tipton County.....	June 1-June 30....	14	2	
	July 1-July 31....	8		
	Aug. 1-Aug. 31....	1		
Washington:				
Seattle.....	May 23.....	1		Case occurred April 27; now convalescent.
	Aug. 1-Aug. 31....	4	1	

\* For table of smallpox in the United States, etc., December 26, 1895, to May 9, 1896, see PUBLIC HEALTH REPORTS No. 23.

*Report of immigration at Boston for the week ended October 31, 1896.*

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Boston, October 31, 1896.*

*Number of alien immigrants who arrived at this port during the week ended October 31, 1896; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of im- migrants.
1896.			
Oct. 25	Steamship Pavonia.....	Liverpool and Queenstown.....	250
Do....	Steamship Yarmouth.....	Yarmouth, Nova Scotia.....	74
Oct. 26	Steamship Halifax.....	Halifax, Nova Scotia.....	37
Oct. 27	Steamship Ethelwold.....	Jamaica.....	4
Do....	Steamship Armenian.....	Liverpool.....	8
Oct. 28	Steamship Boston.....	Yarmouth, Nova Scotia.....	66
Oct. 29	Steamship Yarmouth.....	do.....	74
Oct. 30	Steamship St. Ronans.....	London.....	1
Oct. 31	Steamship Norse King.....	Antwerp, Belgium.....	1
Do....	Steamship Boston.....	Yarmouth, Nova Scotia.....	36
Do....	Steamship Borderer.....	Great River Nicaragua.....	1
	Total.....		561

THOMAS F. DELHANTY,  
*Commissioner of Immigration.*

*Report of immigration at New York for the week ended October 31, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of New York, November 2, 1896.**Number of alien immigrants who arrived at this port during the week ended October 31, 1896;  
also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Oct. 25	Steamship Normannia.....	Hamburg.....	218
Do....	Steamship La Bretagne.....	Havre.....	251
Do....	Steamship Etruria.....	Liverpool and Queenstown.....	200
Oct. 26	Steamship Furnessia.....	Glasgow.....	64
Do....	Steamship Edam.....	Amsterdam.....	46
Oct. 27	Steamship Patria.....	Marseilles and Naples.....	649
Do....	Steamship Berlin.....	Southampton.....	182
Do....	Steamship Saale.....	Bremen.....	188
Oct. 28	Steamship Southwark.....	Antwerp.....	178
Do....	Steamship Teutonic.....	Liverpool and Queenstown.....	376
Oct. 29	Steamship Siberian.....	Glasgow.....	29
Do....	Steamship Havel.....	Bremen.....	252
Do....	Steamship Werra.....	Genoa, etc.....	464
Do....	Steamship Willehad.....	Bremen.....	145
Oct. 30	Steamship Prussia.....	Hamburg.....	293
Do....	Steamship Island.....	Copenhagen.....	107
Oct. 31	Steamship Augusta Victoria.....	Hamburg.....	253
Do....	Steamship St. Louis.....	Southampton.....	187
Do....	Steamship Campania.....	Liverpool and Queenstown.....	297
Do....	Steamship Taormina.....	Hamburg.....	214
	Total.....		4,598

Dr. J. H. SENNER,  
*Commissioner of Immigration.**Report of immigration at Philadelphia for the week ended October 31, 1896.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,  
*Port of Philadelphia, November 2, 1896.**Number of alien immigrants who arrived at this port during the week ended October 31,  
1896; also names of vessels and ports from which they arrived.*

Date.	Vessel.	Where from.	No. of immigrants.
1896.			
Oct. 25	Steamship Belgenland.....	Liverpool and Queenstown.....	85
Oct. 29	Steamship Nederland.....	Antwerp.....	78
Oct. 31	Steamship Adria.....	Hamburg.....	57
Do....	Steamship Waesland.....	Liverpool and Queenstown.....	100
	Total.....		320

JNO. J. S. RODGERS,  
*Commissioner of Immigration.*

## QUARANTINE REPORTS.

## National quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Beaufort, N. C.	Oct. 24	Nor. bk. Hoiden*	Oct. 8	Pernambuco	Brunswick	Disinfected and held.	Oct. 22	No transactions.	3
Brunswick, Ga.	do	Sp. bg. Margarita Sintes*	Oct. 16	Habana	do	do	Oct. 23	do	do
		Am. bk. Rebecca Crowell	Oct. 19	Rio	do	do	do	do	do
	Oct. 31	Am. bk. Rebecca Crowell*	do	do	do	do	Oct. 25	do	4
		Am. sc. Harry and Grace Reynolds.	Oct. 26	San Juan	do	do	do	do	do
		Br. bk. Janet Ferguson.	do	Sanchez, S. D.	do	Held for disinfection.	do	do	do
Cape Charles, Va.	Oct. 31	Sp. bk. Catalina	Oct. 29	Pernambuco	do	do	do	do	11
Delaware Breakwater.	Oct. 31	Am. bk. G. De Zaldo*	Oct. 14	Kingston	Pascagoula	do	do	No transactions.	8
Eureka, Cal.	Oct. 21	A m. sc. Lena R. Storer.	Oct. 21	do	do	Disinfected and held.	Oct. 23	do	do
Gulf, Ship Island, Miss.	Oct. 24	Am. sc. Anna M. Stammer.	Oct. 23	Habana	do	do	do	do	do
		Am. sc. Mary R. Judge.	do	Tampico	do	do	do	do	do
Grays Harbor, Wash.	Oct. 21	do	do	do	do	do	do	No transactions.	8
Newbern, N. C.	Oct. 24	do	do	do	do	do	do	do	18
Port Townsend, Wash.	do	do	do	do	do	do	do	do	1
Reedy Island, Del.	Oct. 31	do	do	do	do	do	do	do	22
San Diego, Cal.	do	do	do	do	do	do	do	do	25
San Francisco, Cal.	Oct. 17	do	do	do	do	do	do	do	do
Do.	Oct. 24	do	do	do	do	do	do	do	do
South Atlantic, Blackbeard Island, Ga.	do	Br. bk. Knight Commander.*	Sept. 30	Santos	Savannah	Discharging ballast.	do	do	do
		Sp. s. Juan Forgas*.	Oct. 12	Habana	do	Disinfected and held.	Oct. 19	do	do
		Am. sc. Millie R. Bohannon.*	Oct. 15	Tuxpan, via New York.	Darien	do	do	do	do
		Br. ss. Ripon City*.	Oct. 17	Rosario	Savannah	do	Oct. 24	do	do
		Nor. bk. Premier.	Oct. 21	Rio	do	do	do	do	do
		Nor. bk. Carl Phil.	Oct. 23	do	Awaiting orders.	do	do	do	do
		Ger. bk. Centares.	Oct. 18	Para.	Wilmington	Disinfected and held.	Oct. 12	do	do
Tortugas, Key West, Fla.	Oct. 17	Am. bg. Stacey Clark*	Oct. 7	Puerto Rico.	Sabine Pass	do	do	do	do

\* Previously reported.

**QUARANTINE REPORTS—Continued.**  
*State and municipal quarantine stations.*  
 [Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Tortugas, Key West, Fla.	Oct. 17	Am. sc. Geo. Tulane, Jr.	Oct. 16	Cardenas	do	do			
Washington, N. C.	Oct. 31							No transactions.	18
Boston, Mass.	Oct. 31								4
Charleston, S. C.	do								17
Elizabeth River, Va.	do								4
Fernandina, Fla.	do	Am. tug Dauntless* Am. sc. Bertha Warner	Oct. 21 Oct. 30	New Smyrna St. Johns, P. R.	Jacksonville Fernandina	Disinfected and held. Held for disinfection.	Oct. 30		
Galveston, Tex.	Oct. 24	Br. ss. Woodleigh* Br. ss. Danmore Br. ss. Hillbrook	Oct. 17 Oct. 18 Oct. 20	St. Vincent Santos Rio	Galveston do do	Disinfected and held. do do	Oct. 19 Oct. 20 Oct. 22		21
Georgetown, S. C.	Oct. 31							No transactions.	7
Key West, Fla.	do								8
Myport (Jacksonville), Fla.	Nov. 1								17
Newport News, Va.	Oct. 31							No transactions.	
Port Royal, S. C.	Oct. 17								
Port Royal, R. I.	Oct. 31	Br. bk. Lord Clyde	Sept. 25	Pernambuco	Port Royal	Disinfected and held.	Oct. 16		1
Sabine Pass, Tex.	do							No transactions.	11
Tampa Bay, Fla.	do								

\* Previously reported.



*Reports of States and yearly and monthly reports of cities.*

**MICHIGAN.**—Week ended October 24, 1896. Reports to the State board of health, Lansing, from 55 observers indicate that typhoid fever and influenza increased in area of prevalence. Phthisis pulmonalis was reported present during the week at 230 places, enteric fever at 69, diphtheria at 34, scarlet fever at 21, whooping cough at 15, and measles at 9 places.

**NEW YORK.**—Month of September, 1896. Reports to the State board of health from 8 districts, including New York City, Brooklyn, and 150 other cities, towns, and villages, show a total of 9,468 deaths, including phthisis pulmonalis, 1,023; enteric fever, 221; scarlet fever, 26; diphtheria and croup, 294; measles, 31, and whooping cough, 102.

The Monthly Bulletin says:

There were 500 fewer deaths reported than in the corresponding month of last year. Among zymotic diseases the only material difference from the mortality of September, 1895, is in diarrheal diseases, from which the number of deaths is less by 600; the mortality from all diseases of the digestive organs is diminished. Acute respiratory diseases caused 150 more deaths, and from diseases of the circulatory system there were 100 more deaths than a year ago; from other local diseases, as also from consumption and constitutional diseases, there was no material variation. There were 800 fewer deaths under five years of age. Compared with the preceding month of August, the total reported mortality is decreased by 3,000, the deaths under five years of age being fewer by 1,200. Among zymotic diseases, the diarrheal mortality was not half as large. Typhoid fever, malarial diseases, and diphtheria show an increase; whooping cough a decrease. Acute respiratory diseases have increased, all other local diseases diminished, and the deaths from accidents and violence, under which was placed last month a large number from sunstroke, have fallen to the normal. The death rate from all causes is 17.50, against 23.25 in August and 18.50 in September last. The percentage of zymotic mortality is 19.75, 24.65 in August, and 25.00 in September last. The September prevalence of typhoid fever is excessive in the Hudson and Mohawk valley districts, and in the southern tier and east central districts. The percentage of deaths from typhoid fever in urban parts of the State was 2.00; in rural parts of the State, 3.66. Diphtheria increased a little from August, but caused fewer deaths than in September of any year for ten years; in cities and villages it caused 3.50 per cent of the deaths; in rural parts of the State, 1.57 per cent. Scarlet fever continues to cause few deaths, but is more widely distributed than in August.

**TENNESSEE—Chattanooga.**—Month of September, 1896. Estimated population, white, 27,000; colored, 13,000; total, 40,000. Deaths, white, 9; colored, 16; total, 25, including phthisis pulmonalis, 3; enteric fever, 1, and diphtheria, 1.

**Clarksville.**—Month of September, 1896. Estimated population, white, 6,000; colored, 3,000; total, 9,000. Deaths, white, 4; colored, 7; total, 11, including enteric fever, 1, and whooping cough, 1.

**Knoxville.**—Month of September, 1896. Estimated population, white,

32,704 ; colored, 10,000 ; total, 42,704. Deaths, white, 16 ; colored, 11 ; total, 27, including phthisis pulmonalis, 7.

*Memphis.*—Month of September, 1896. Estimated population, 55,923 ; white, 28,064 ; colored, 27,859. Total deaths, 103 ; white, 51 ; colored, 52, including enteric fever, 3 ; whooping cough, 1, and phthisis pulmonalis, 16.

*Murfreesboro.*—Month of September, 1896. Estimated population, white, 3,000 ; colored, 2,000 ; total, 5,000. Total deaths, white, 3 ; colored, 2 ; total, 5, including phthisis pulmonalis, 1, and diphtheria, 1.

*Nashville.*—Month of September, 1896. Estimated population, white, 54,595 ; colored, 33,159 ; total, 87,754. Deaths, white, 60 ; colored, 63 ; total, 123, including phthisis pulmonalis, 24 ; enteric fever, 4 ; diphtheria, 4, and whooping cough, 3.

WISCONSIN—*Milwaukee.*—Month of September, 1896. Estimated population, 260,000. Total deaths, 289, including phthisis pulmonalis, 20 ; enteric fever, 2 ; diphtheria, 19 ; croup, 11 ; measles, 1, and whooping cough, 1.

## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Variceloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Allegheny, Pa.	Oct. 9.	105,287	32	3							1	2	1
Do	Oct. 17.	105,287	35							1	1		
Do	Oct. 24.	105,287	34	2						2		2	
Ashtabula, Ohio.	Oct. 31.	8,338	1										
Battle Creek, Mich.	Oct. 24.	13,197	5	1								2	
Do	Oct. 31.	13,197	1										
Binghamton, N. Y.	do	35,005	15										
Boston, Mass.	do	448,477	188	27					9	2	17	1	1
Brooklyn, N. Y.	do	806,343	373	48					4	1	30	3	4
Brownsville, Tex.	Oct. 24.	6,134	6	1									
Bucyrus, Ohio.	do	5,974	3									2	
Butler, Pa.	Oct. 31.	8,734	2										
Cambridge, Mass.	do	70,028	24	2					2				
Carlisle, Pa.	Oct. 24.	7,620	3										
Do	Oct. 31.	7,620	3										
Charleston, S. C.	Oct. 24.	*54,955	†35	5					2				
Chicago, Ill.	do	1,099,850	355	34					19	1	29		4
Cincinnati, Ohio.	Oct. 30.	296,908	90	10					2		3		
Cleveland, Ohio.	Oct. 24.	261,353	81	5					1		8		3
Do	Oct. 31.	261,353	94	1							13	1	1
Columbus, Ind.	Oct. 24.	6,719	2										
Do	Oct. 31.	6,719	2										
Concord, N. H.	Oct. 24.	17,044	6						1				
Do	Oct. 31.	17,044	9										
Council Bluffs, Iowa.	Oct. 24.	21,474	10	1					1		3		
Dayton, Ohio.	Oct. 29.	61,220	13	1					1		1		
Denver, Colo.	Oct. 24.	106,713	24	6					1		1		
Dunkirk, N. Y.	do	9,416	4	1									
Elizabeth, N. J.	Oct. 31.	37,764									1	1	
Emporia, Kans.	Oct. 24.	7,551	2	1									
Erie, Pa.	do	40,634	9	1									
Do	Oct. 31.	40,634	18	2					1				
Everett, Mass.	Oct. 30.	11,068	5	2									
Fall River, Mass.	Oct. 31.	74,398	29						1	1	2	1	
Fitchburg, Mass.	Oct. 24.	22,037	3										
Gloucester, Mass.	do	24,651	9									1	
Grand Rapids, Mich.	do	60,278	16	2									
Do	Oct. 31.	60,278	17						1		1		
Haverhill, Mass.	do	27,412	10	1									
Ironton, Ohio.	do	10,939	6										
Jacksonville, Fla.	Oct. 24.	17,201	11	2					1				
Do	Oct. 31.	17,201	6	1									
Jersey City, N. J.	Oct. 25.	163,003	83	19					1		4		
Johnstown, Pa.	Oct. 24.	21,805	2						1				
Do	Oct. 31.	21,805	5	1					1				
Kalamazoo, Mich.	Oct. 24.	17,853	9										
Lynchburg, Va.	Oct. 31.	19,709	8						1		1		1
McKeesport, Pa.	Oct. 24.	20,741	12						1		1		
Manchester, N. H.	do	44,126	10	2							3		
Do	Oct. 31.	44,126	26	3									
Medford, Mass.	do	11,079	1										
Melrose, Mass.	Oct. 24.	8,519		1									
Memphis, Tenn.	Oct. 31.	64,495	32	3									1
Middletown, Ohio.	Oct. 24.	7,681	1										
Milwaukee, Wis.	do	204,468	76	1								16	
Do	Oct. 31.	204,468	57	6					2	1	14		
Nashville, Tenn.	do	76,168	30	6									1
New Bedford, Mass.	do	40,733	12						1				
New Brighton, N. Y.	Oct. 24.	16,423	3										
Newburyport, Mass.	do	13,947	6						1				
New Haven, Conn.	Oct. 29.	81,298	50	6							1	4	
New Orleans, La.	Oct. 24.	242,039	127	12									
Newport, R. I.	Oct. 31.	19,457	6										
New York, N. Y.	do	1,515,301	629	95					6	7	20	2	3
Norristown, Pa.	do	19,791	5										
Omaha, Nebr.	Oct. 24.	140,452	26	3								4	
Oneonta, N. Y.	do	6,272	4										
Do	Oct. 31.	6,272	4										
Pensacola, Fla.	Oct. 24.	11,750	5										
Philadelphia, Pa.	do	1,046,964	374	33					5	1	15		3
Pittsfield, Mass.	do	17,281	8	3					1				
Do	Oct. 31.	17,281	6										

\* Estimated population, 65,165 (white, 28,870; colored, 36,295). † White, 5; colored, 30 (1 death from leprosy).





Table of temperature and rainfall, week ended October 26, 1896.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	* Excess.	* Deficiency.	Normal.	Excess.	Deficiency.
<b>Atlantic Coast:</b>						
Eastport, Me.....	44		1	.98	3.27	
Portland, Me.....	44		1	.91		.05
Northfield, Vt.....	41		4	.52		.18
Boston, Mass.....	49		2	.98	.04	
Vineyard Haven, Mass.....	52		2	.91	2.17	
Nantucket, Mass.....	52		4	.91	2.02	
Woods Hole, Mass.....	53		5	.95	1.42	
Block Island, R. I.....	52		3	1.05	.60	
New Haven, Conn.....	50		4	.91		.08
Albany, N. Y.....	49		6	.70		.55
New York, N. Y.....	54		5	.77		.11
Harrisburg, Pa.....	50		4	.67	.15	
Philadelphia, Pa.....	54		3	.63		.22
New Brunswick, N. J.....	50		3	.82		.31
Atlantic City, N. J.....	54		2	.75		.35
Baltimore, Md.....	56		4	.63		.39
Washington, D. C.....	55		3	.70		.54
Lynchburg, Va.....	55		1	.70		.44
Cape Henry, Va.....	59		2	.84		.07
Norfolk, Va.....	60		3	.84		.10
Charlotte, N. C.....	59	0		.84		.36
Raleigh, N. C.....	58	0		1.14		.69
Kittyhawk, N. C.....	61		4	.82	.79	
Hatteras, N. C.....	63		2	1.33		.05
Wilmington, N. C.....	63		2	.70		.52
Columbia, S. C.....	62	1		.49		.23
Charleston, S. C.....	66	1		.81		.72
Augusta, Ga.....	63	1		.56		.18
Savannah, Ga.....	66	2		.70		.21
Jacksonville, Fla.....	70	2		1.09	.37	
Jupiter, Fla.....	77	2		1.82	.53	
Key West, Fla.....	78	4		.93		.89
<b>Gulf States:</b>						
Atlanta, Ga.....	58	3		.51	.39	
Tampa, Fla.....	72	5		.42		.32
Pensacola, Fla.....	68	1		.70	.04	
Mobile, Ala.....	67	0		.70		.03
Montgomery, Ala.....	65	0		.56	.07	
Vicksburg, Miss.....	65	1		.66	1.20	
New Orleans, La.....	69	3		.68		.34
Shreveport, La.....	65	0		.71	2.13	
Fort Smith, Ark.....	60	0		.62	.44	
Little Rock, Ark.....	61		1	.58	.09	
Palestine, Tex.....	65	0		.73	2.91	
Galveston, Tex.....	71	1		.85		.44
San Antonio, Tex.....	67	1		.30	1.37	
Corpus Christi, Tex.....	71	0		.36		.14
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	61		2	.66		.17
Nashville, Tenn.....	58		2	.51		.46
Chattanooga, Tenn.....	58	2		.55	.05	
Knoxville, Tenn.....	57	1		.63		.58
Louisville, Ky.....	57		6	.69	.43	
Indianapolis, Ind.....	51		4	.66		.60
Cincinnati, Ohio.....	54		5	.60	.22	
Columbus, Ohio.....	51		5	.63		.36
Parkersburg, W. Va.....	52		5	.70	1.62	
Pittsburg, Pa.....	52		7	.55	.07	
<b>Lake Region:</b>						
Oswego, N. Y.....	47		5	.77		.56
Rochester, N. Y.....	47		5	.70		.57
Buffalo, N. Y.....	48		5	.82		.49
Erie, Pa.....	50		6	.93		.86
Cleveland, Ohio.....	50		7	.63		.47
Sandusky, Ohio.....	51		8	.63		.58
Toledo, Mich.....	50		7	.56		.55
Detroit, Mich.....	50		8	.56		.43
Lansing, Mich.....	47		7	.56		.45
Port Huron, Mich.....	47		7	.63		.41
Alpena, Mich.....	43		5	.84		.67
Sault Ste. Marie, Mich.....	40		6	.74	.94	
Marquette, Mich.....	42		4	.70		.33
Green Bay, Wis.....	44		6	.49		.47
Grand Haven, Mich.....	47		6	.70		.35

\*The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended October 26, 1896—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
<b>Lake Region—Continued.</b>						
Milwaukee, Wis.....	46		7	.49		.49
Chicago, Ill.....	49		7	.63		.63
Duluth, Minn.....	42		7	.53		.53
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	44		8	.35		.35
La Crosse, Wis.....	47		9	.42		.42
Dubuque, Iowa.....	48		6	.56		.56
Davenport, Iowa.....	49		6	.56		.56
Des Moines, Iowa.....	49		4	.69		.69
Keokuk, Iowa.....	51		5	.59		.59
Springfield, Ill.....	52		7	.59		.59
Cairo, Ill.....	57		3	.67	.36	
St. Louis, Mo.....	54		3	.63		.45
<b>Missouri Valley:</b>						
Columbia, Mo.....	55		4	.29		.13
Springfield, Mo.....	56		4	.60	.04	
Kansas City, Mo.....	54		3	.77		.77
Wichita, Kans.....	55		2	.35	.49	
Concordia, Kans.....	52		1	.30		.14
Lincoln, Nebr.....	51		2	.38		.38
Omaha, Nebr.....	50		2	.51		.51
Sioux City, Iowa.....	48		5	.42		.42
Yankton, S. Dak.....	47		2	.28		.28
Valentine, Nebr.....	47			.21		
Huron, S. Dak.....	43		4	.18		.14
Pierre, S. Dak.....	46		5	.24		.39
Moorhead, Minn.....	39		6	.39		.21
Bismarck, N. Dak.....	41		3	.21		.21
Williston, N. Dak.....	40		4	.21		.21
<b>Rocky Mountain Region:</b>						
Havre, Mont.....	41		1	.14		.14
Helena, Mont.....	42	5		.19		.02
Miles City, Mont.....	43		1	.21		.21
Rapid City, S. Dak.....	46		1	.35		.14
Spokane, Wash.....	45	2		.35		.34
Wallawalla, Wash.....	52		3	.36	.08	
Baker City, Oreg.....	43	4		.27		.20
Winnemucca, Nev.....	45	3		.14		.12
Salt Lake City, Utah.....	48	4		.35		.03
Lander, Wyo.....	40	4		.21		.19
Cheyenne, Wyo.....	43	3		.14		.14
North Platte, Nebr.....	47	0		.21		.21
Denver, Colo.....	48	1		.21	.21	
Pueblo, Colo.....	49		2	.15	.11	
Dodge City, Kans.....	53		2	.28	1.12	
Oklahoma City, Okla.....	59		3	.34		.22
Amarillo, Tex.....	53	2		.26	.42	
Abilene, Tex.....	63		3	.49	.33	
Santa Fe, N. Mex.....	47		2	.21	1.34	
El Paso, Tex.....	61		1	.21		.01
Phoenix, Ariz.....	67	0		.14	.14	
<b>Pacific Coast:</b>						
Port Angeles, Wash.....	47		2	.57		.10
Fort Canby, Wash.....	53	0		1.36		.61
Astoria, Oreg.....	54		1	1.19		.48
Portland, Oreg.....	52		5	1.04		.92
Roseburg, Oreg.....	52		2	.69		.56
Eureka, Cal.....	52			.62		
Red Bluff, Cal.....	61			.35	.03	
Carson City, Nev.....	48	2		.10		.10
Sacramento, Cal.....	60			.22		
San Francisco, Cal.....	59			.32	.22	
Fresno, Cal.....	64		1	.14		.14
Los Angeles, Cal.....	63			.21		.20
San Diego, Cal.....	62	1		.14	.10	
Yuma, Ariz.....	70	2		.07		.06

\* The figures in these columns represent the average daily departure.

## FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

*Cholera and yellow fever as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 26, 1895, to November 3, 1896.*

## CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic:				
Buenos Ayres.....	Dec. 21-Dec. 28...	3	.....	
Austria-Hungary .....	Nov. 19-Dec. 2...	43	25	} From outbreak (August 23, 1895) to date 453 cases, 296 deaths.
	Dec. 10-Dec. 30...	21	11	
	Dec. 31-Jan. 27...	16	11	
China:				
Hongkong.....	Sept. 12-Sept. 19...	.....	2	
Egypt:*				
Alexandria.....	Dec. 24-Dec. 31...	.....	1	
	Dec. 29-Apr. 26...	130	115	
	May 1-May 13...	.....	145	
	May 14-May 20...	.....	162	
	May 19-May 28...	.....	202	
	May 29-June 7...	.....	66	
	June 9-June 14...	.....	15	
	June 15-July 20...	.....	80	
	Aug. 9-Aug. 15...	22	21	
	Aug. 16-Aug. 29...	64	55	
	Aug. 29-Sept. 5...	18	15	
Cairo .....	Dec. 7-Dec. 11...	1	2	
	Jan. 10-Jan. 11...	1	1	
	May 7-May 20...	.....	138	
	May 19-May 28...	.....	372	
	May 29-June 7...	.....	246	
	June 9-June 14...	.....	109	
	June 15-July 20...	.....	159	
	Aug. 4-Aug. 10...	14	4	
	Aug. 11-Aug. 24...	.....	15	
	Aug. 24-Aug. 31...	.....	46	
	Sept. 1-Sept. 5...	.....	111	
India:				
Bombay.....	Nov. 19-Dec. 24...	.....	15	
	Jan. 14-Feb. 4...	.....	8	
	Feb. 18-Feb. 25...	.....	1	
	Mar. 3-Mar. 31...	.....	18	
	Apr. 2-Apr. 28...	.....	33	
	Apr. 28-June 30...	.....	307	
	July 1-Sept. 29...	.....	229	
Calcutta.....	Nov. 10-Dec. 28...	.....	332	
	Dec. 28-Jan. 4...	.....	41	
	Jan. 4-Jan. 31...	.....	165	
	Feb. 1-Feb. 29...	.....	200	
	Mar. 1-Apr. 25...	.....	1,809	
	Apr. 25-May 30...	.....	817	
	May 31-June 27...	.....	167	
	June 27-Sept. 19...	.....	94	
Madras.....	June 6-June 13...	.....	3	
	July 4-July 17...	.....	3	
	July 25-July 31...	.....	1	
	Aug. 28-Sept. 26...	.....	43	
Singapore.....	Mar. 1-Mar. 31...	.....	4	
	July 1-July 31...	.....	7	
Japan:				
Yokohama .....	Nov. 8-Nov. 15...	1	1	
	June 12-June 19...	1	1	
	June 19-July 3...	3	3	
	Aug. 20-Aug. 26...	3	.....	
	Sept. 25-Oct. 9...	3	2	
Chiba Ken .....	Jan. 6-Jan. 25...	20	13	
	Jan. 24-Feb. 16...	23	16	
	July 2-July 11...	1	.....	
Ibaraki Ken.....	Jan. 24-Feb. 3...	3	.....	
	Feb. 12-Feb. 15...	.....	2	
	July 2-July 11...	2	1	
	July 13-July 21...	2	1	

\*To date of September 4, 20,289 cases of cholera, with 16,841 deaths, have been reported throughout Egypt, and during the period from August 25 to September 4, 1896, there were 470 deaths from cholera in Egypt, exclusive of the cities of Alexandria and Cairo.

## Cholera and yellow fever, etc.—Continued.

## CHOLERA—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<b>Japan—Continued.</b>				
Fukuoka Ken.....	Feb. 29.....	1		
	June 8-July 11...	23		
	July 13-July 21...	5		
Osaka Fu.....	Apr. 25.....	1		
	Apr. 28-May 8...	1	1	
	May 23-May 30...	1		
	June 8-June 17...	1		
	July 13-July 21...	1		
Miyazaki Ken.....	July 2-July 11...	1	1	
Yamanashi Ken.....	June 24-July 13...	3		
Saitama Ken.....	June 24-July 3...	1		
Okayama Ken.....	July 13-July 21...	1		
	June 24-July 11...	4		
Nogasaki Ken.....	Aug. 11-Aug. 20...	1	1	
Ishikawa Ken.....	June 24-July 3...	2		
Kioto Fu.....	June 17-July 3...	2	1	
Hiogo Ken.....	July 13-July 21...	1	1	
	June 17-July 11...	4		
	Aug. 11-Aug. 20...	1		
Kagawa Ken.....	Sept. 5-Sept. 12...	2	2	
	Sept. 19-Oct. 3...	9	1	
Kanagawa Ken.....	June 17-July 21...	3		
Miyagi Ken.....	do.....	9	4	
	Aug. 21-Sept. 4...	3		
Shizuoka Ken.....	June 17-July 3...	2	2	
Yamaguchi Ken.....	June 17-July 11...	3	1	
	July 13-July 21...	1		
Shimane Ken.....	June 17-July 3...	1	1	
Tokyo Fu.....	Apr. 18.....	1		
	Apr. 17.....	1	1	
Gumma Ken.....	June 8-June 17...	4		
	June 24-July 11...	31	5	
	July 13-July 21...	10	4	
	Aug. 11-Sept. 23...	26	8	
	Sept. 24-Sept. 30...	1		
Kochi Ken.....	June 24-July 3...	1		
Tochigi Ken.....	do.....	1		
Wakayama Ken.....	June 24-July 11...	2		
Yamaguchi Ken.....	June 24-July 3...	1		
	July 13-July 21...	2	1	
Yehime Ken.....	June 24-July 3...	1		
Oyama Ken.....	June 8-July 11...	3		
Nagano Ken.....	July 13-July 21...	2		
Morocco:	Aug. 21-Sept. 4...	6		
	Sept. 5-Sept. 14...	1		
Casa Blanca.....	Jan. 11.....			Cholera reported.
Mazagan.....	do.....			Do.
Stellen.....	Dec. 15.....		13	
<b>Russia:</b>				
Kiev (government).....	Oct. 13-Nov. 11...	156	64	
	Nov. 11-Dec. 21...	52	24	
	Dec. 22-Jan. 11...	10	5	
	Jan. 12-Jan. 25...	12	14	
	Nov. 17-Dec. 7...	21		
St. Petersburg (government)	Dec. 8-Dec. 28...	27	11	
	Dec. 29-Jan. 11...	8	8	
	Jan. 12-Jan. 25...	3		
	Feb. 1-Feb. 8...	2		
	Oct. 13-Nov. 10...	2,297	952	
Volhynia (government).....	Nov. 10-Nov. 30...	609	294	
	Dec. 1-Dec. 14...	104	55	
	Dec. 14-Dec. 28...	24	12	
	Dec. 29-Jan. 11...		1	
	Feb. 1-Feb. 8...	2		
<b>Turkey:</b>				
Constantinople.....	Dec. 17-Jan. 15...	3	3	Reports dated January 21, 1896, state "about 1 death per week."
Bren.....	Jan. 17.....			Cholera reported.
Bitlis and Seert.....	Jan. 15-Jan. 20...	11	7	
Diarbekir.....	Jan. 16.....			Cholera reported in 3 localities.
Gazran.....	Dec. 21-Jan. 14...	67	42	



## YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentine Republic :				
Buenos Ayres.....	Mar. 1-Mar. 31.....		5	On vessels from Rio de Janeiro.
	Apr. 1-Apr. 30.....		3	
Brazil :				
Ceara .....	Nov. 30.....	1	1	
	Dec. 24-Dec. 31.....		4	
	Mar. 1-Mar. 31.....		3	
	July 1-July 31.....		1	
Rio de Janeiro .....	Nov. 9-Nov. 30.....		43	
	Dec. 1-Dec. 28.....		136	
	Dec. 28-Jan. 11.....		190	
	Jan. 11-Feb. 1.....		382	
	Feb. 1-Feb. 8.....		111	
	Feb. 8-Feb. 29.....		594	
	Mar. 1-Mar. 14.....		468	
	Mar. 14-Mar. 28.....		459	
	Mar. 28-Apr. 11.....		305	
	Apr. 11-June 27.....		376	
	June 27-Aug. 29.....		30	
	Sept. 5-Sept. 19.....		3	
Nitheroy.....	Apr. 21.....			Yellow fever reported.
Pernambuco .....	Nov. 1-Nov. 15.....	8		
	Apr. 1-Apr. 30.....		8	
	May 1-May 31.....		2	
Bahia.....	Mar. 31.....			Do.
Sao Paulo.....	.....do.....			Do.
Araraguara .....	Jan. 1-Jan. 31.....	5	3	
Belem.....	Apr. 4.....			Do.
Bicas .....	.....do.....			Do.
Barrado Pirahy .....	.....do.....			Do.
Campinas.....	Apr. 7-May 5.....	113		Do.
Casa Branca.....	May 5.....			Do.
Descalvado.....	Apr. 4.....			Do.
Dores de Pirahy .....	Apr. 11.....			Do.
Iahu.....	Apr. 4-May 5.....			Do.
Iaboticabal.....	.....do.....			Do.
Limeira.....	.....do.....			Do.
Leopoldina.....	Apr. 11.....			Do.
Parahybuna.....	Apr. 4.....			Do.
Porto Novo.....	Apr. 11.....			Do.
Sao Carlos de Pinhal.....	Apr. 4.....			Do.
San Jose Nepomuceno.....	.....do.....			Do.
Santos.....	Apr. 4-May 5.....			Do.
Parahyba do Sul Valenca.....	.....do.....			Do.
Rio Claro.....	.....do.....			Do.
Sorocaba .....	.....do.....			Do.
Uba .....	Apr. 11.....			Do.
Valenca.....	Apr. 4.....			Do.
Vassouras.....	.....do.....			Do.
Volta Grande .....	.....do.....			Do.
Cuba : *				
Buena Vista.....	Aug. 1.....			Yellow fever reported epidemic.
Caibarien.....	.....do.....			
Camajuan.....	.....do.....			Do.
Cardenas.....	June 6-June 27.....	13	4	
	June 27-July 25.....	39	14	
	July 25-Aug. 29.....	128	39	
	Aug. 29-Sept. 19.....	104	27	
	Sept. 19-Oct. 24.....		19	
Cienfuegos .....	Dec. 8-Dec. 22.....		2	
	Dec. 29-Jan. 19.....		5	
	Feb. 16-Feb. 23.....		1	
	Apr. 19-May 3.....	1	1	
	May 25.....	1		
	June 1-June 7.....	9	2	
	June 14-June 28.....		9	
	June 28-July 26.....		39	
	July 26-Aug. 30.....		45	
	Aug. 30-Oct. 25.....		99	
Guantanamo.....	July 1-July 31.....		13	
	Sept. 1-Sept. 30.....		6	
Habana .....	Nov. 28-Dec. 19.....	40	14	
	Dec. 26-Jan. 2.....	7	3	In military hospital.
	Jan. 2-Mar. 28.....	40	14	
	Apr. 2-Apr. 30.....		13	
	May 1-May 28.....	53	26	
	May 28-June 18.....	59	29	

\* Official reports of the Spanish army sanitary corps show that 1,835 cases of yellow fever were admitted to the Spanish military hospitals in Cuba during the twenty days ended July 20. During the same period there were in the hospitals 497 deaths from that disease.

## Cholera and yellow fever, etc.—Continued.

## YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
<i>Cuba—Continued.</i>				
Habana .....	June 18-June 25...	20	9	
	June 25-July 9...	105	45	
	July 9-July 23...	115	46	
	July 23-July 30...	30	40	
	July 31-Aug. 6...	120	55	
	Aug. 6-Aug. 20...	303	108	
	Aug. 20-Sept. 3...	300	131	
	Sept. 3-Sept. 10...	120	43	
	Sept. 10-Oct. 1...	257	123	
	Oct. 1-Oct. 8...	150	54	
	Oct. 8-Oct. 15...	195	65	
	Oct. 15-Oct. 29...	345	126	
Manzanillo .....	Mar. 15-Mar. 31...	2	2	
	July 15-July 31...	8	8	
	Aug. 1-Aug. 31...	5	3	
	Sept. 1-Sept. 15...	3	3	
Matanzas.....	June 17-June 24...	56	42	
	June 24-July 8...	124	85	
	July 8-July 29...	200	134	
	July 29-Sept. 30...	267	267	
	Oct. 1-Oct. 21...	41	41	
Placetas.....	Aug. 1.....			Yellow fever reported epidemic.
Remedios.....	do.....			Do.
Santiago.....	Dec. 7-Dec. 21...	29	29	
	Dec. 21-Dec. 28...	12	12	
	Dec. 28-Jan. 4...	15	15	
	Jan. 4-Feb. 15...	47	47	
	Feb. 22-Feb. 29...	15	15	
	Mar. 1-Apr. 4...	20	20	
	Apr. 4-May 30...	22	22	
	June 1-June 6...	2	2	
	June 6-June 27...	14	14	
	June 27-July 4...	7	7	
	July 4-Aug. 1...	71	71	
	Aug. 8-Oct. 10...	130	130	
	Oct. 17-Oct. 24...	12	12	
	Dec. 1-Dec. 21...	43	3	
Sagua la Grande.....	Dec. 25-Jan. 25...	31	6	
	Feb. 1-Feb. 15...	8	8	
	Mar. 13-Mar. 20...	5	5	
	Apr. 4-Apr. 11...	3	3	
	May 11-May 18...	30	30	Yellow fever reported.
	May 25-June 6...			Yellow fever reported among troops.
	June 6-June 27...	171	14	
	July 4-July 18...	124	15	
	July 18-Aug. 8...	265	26	
	Aug. 8-Aug. 29...	230	35	
	Aug. 29-Oct. 3...	302	50	
	Oct. 3-Oct. 24...	231	25	
Yaguajay.....	Aug. 1.....			Yellow fever reported epidemic.
Yueitas.....	do.....			Do.
Zulueta.....	do.....			Do.
Quadaloupe:				
Barre Terre.....	Oct. 1-Oct. 4...	3	2	
Martinique:				
Fort de France.....	Aug. 3-Aug. 6...		2	
Mexico:				
Acapulco.....	July 11-July 18...	1	1	
Tuxpan.....	Jan. 11-Jan. 25...	4	4	
Vera Cruz.....	May 21-May 28...	5	5	
	May 29-June 5...			Yellow fever reported.
	July 29.....	3	3	
	July 30-Aug. 13...	6	6	
	Aug. 20-Aug. 27...	1	1	
Peru:				
Callao.....	Apr. 5.....	2	2	On vessels from Guayaquil.
	Sept. 14.....	1	1	
Puerto Rico:				
San Juan.....	Nov. 29-Dec. 20...	63	23	
	Dec. 20-Jan. 17...	104	24	
	May 1-May 31...	14	4	
	June 1-June 30...	15	1	
	Sept. 1-Sept. 7...	2	1	
San Salvador.....	Oct. 19.....			Yellow fever reported.
U. S. of Colombia:				
Panama.....	Aug. 15-Aug. 22...	2	1	

## CUBA.

*Smallpox and yellow fever in Cuban seaports.*

The United States consul at Cardenas reports 3 deaths from yellow fever during the week ended October 24.

The United States consul at Santiago reports 12 deaths from yellow fever during the week ended October 24.

Under date of October 26 the United States consul at Cienfuegos reports that during the week ended October 25 there were in that city 9 deaths from yellow fever and 5 from smallpox.

The United States sanitary inspector at Sagua la Grande reports 6 deaths from yellow fever, with 79 cases during the two weeks ended October 24.

The United States sanitary inspector at Habana reports 73 deaths from yellow fever during the week ended October 29.

SANTIAGO DE CUBA, *October 24, 1896.*

SIR: I have the honor of submitting the following sanitary report on Santiago de Cuba for the week ended October 24. There have been 56 deaths during this period of which 12 were from yellow fever at the military hospital, 3 from smallpox, 1 from typhomalarial fever, 10 from remittent fever, 2 from pernicious fever, 5 from dysentery, and the rest from common diseases of noncontagious character. The smallpox epidemic is now confined to the country villages and towns around Santiago, but in this city itself there are no cases at present. Yellow fever increases slightly, and remittent fevers of bad type are prevalent. Dysentery still makes victims, and diarrhea is very common.

Respectfully, yours,

HENRY S. CAMINERO, M. D.,  
*Sanitary Inspector, U. S. M. H. S.*

HABANA, CUBA, *October 31, 1896.*

SIR: I have the honor to inform you that both yellow fever and smallpox have increased during the last few days, as will be seen embodied in the weekly mortuary report, which I forward you to-day, and which is as follows:

During the week ending October 29 there were 296 deaths in this city, 73 of which were caused by yellow fever, with approximately 200 new cases; 36 were caused by smallpox, with 250 new cases, approximately; 12 were caused by enteric fever, 12 by so-called pernicious fever, 4 by paludal fever, 17 by dysentery, 10 by enteritis, 3 by pneumonia, 39 by tuberculosis, and 1 by glanders.

Sixty-nine of the 73 deaths from yellow fever during the week were among Spanish soldiers in the military hospitals of the city, while the remaining 4 deaths from that disease were among civilians.

All of the 36 deaths from smallpox during the week, as for some weeks before, have occurred among civilians, though some new cases have lately been reported among the Spanish troops.

The weather is, and has been, unusually warm throughout the entire month and remarkably free from strong winds.

Very respectfully, your obedient servant,

D. M. BURGESS,  
*Sanitary Inspector, U. S. M. H. S.*

## EGYPT.

*Decrease in virulence of the cholera epidemic.*

CAIRO, EGYPT, October 7, 1896.

SIR: I have the honor to advise you that the outbreak of cholera prevailing in Egypt for upward of a year has now apparently come to an end. No death or new case has occurred in Lower Egypt for several days, while from Upper Egypt but 2 or 3 deaths daily are reported.

Alexandria has been free from cases for a fortnight past, and in Cairo only 1 death from cholera has occurred since October 1.

The total number of deaths in Egypt, from the date of the appearance of the scourge to date, has been 18,110, it is officially stated.

I have the honor to be, sir, your obedient servant,

FREDERIC C. PENFIELD,

*Agent and Consul-General.*

Hon. ASSISTANT SECRETARY OF STATE.

## JAPAN.

*Report on the prevalence of cholera, dysentery, and smallpox.*

YOKOHAMA, October 14, 1896.

SIR: I was unable to send the inclosed report on infectious diseases in Japan by the steamer of October 10, for which it was prepared, neither am I able to bring the general statistics up to date, as usual. I have the honor, however, to report, as the only matters of urgent interest from a sanitary point of view, the great and increasing prevalence of smallpox in and about Kobe, my direct report from there giving 244 cases for the two weeks ended October 10, with a high mortality, and the occurrence of 3 cases of cholera in Yokohama within the past ten days, all fatal. In view of the lateness of the season, and the stringent measures of precaution which are being enforced by the native authorities, I am not inclined to fear an extensive epidemic.

It is somewhat remarkable that, although we had every reason to anticipate a severe and widespread epidemic of cholera during this year, this is the first outbreak of a malignant type in any part of the Empire since January last, the greater number of the isolated cases which have been reported from time to time during the summer being, considering the very low mortality accompanying them, of doubtful genuineness.

I am, sir, very respectfully, your obedient servant,

STUART ELDRIDGE, M. D.,

*Sanitary Inspector, U. S. M. H. S.*

[Inclosure.]

*Report of infectious diseases in Japan, October 1 to October 9, 1896.*

Locality.	Cholera.		Dysentery.		Smallpox.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kioto Fu.....			49	13		1
Osaka Fu.....			118	35		
Tokyo Fu.....			111	(*)	9	
Aichi Ken.....			274	81		
Akita Ken.....			178	26		
Awamori Ken.....			103	14	3	
Chiba Ken.....			188	47	1	
Fukui Ken.....			66	26		
Fukuoka Ken.....			34	9		
Fukushima Ken.....			2	1		
Gifu Ken.....			1,104	282	1	
Gumma Ken.....			193	60		
Ibaraki Ken.....			193	51	40	30
Ishikawa Ken.....			193	48		
Kagawa Ken.....			282	101		
Kagoshima Ken.....			141	44		
Kanagawa Ken.....	2	1	144	33		
Kumamoto Ken.....			54	6		
Miyagi Ken.....			353	168	9	
Miyazaki Ken.....			21	2		
Miye Ken.....			59	14		
Nagano Ken.....			1,160	298		
Nara Ken.....			75	25		
Oita Ken.....			41	10		
Okayama Ken.....			211	61	1	
Okinawa Ken.....			4			
Saga Ken.....			8	3		
Saitama Ken.....			289	67		
Shiga Ken.....			224	49		
Shimane Ken.....			313	112		
Tokushima Ken.....			96	22		1
Tottori Ken.....			40	7		
Yamagata Ken.....			185	35		
Yamaguchi Ken.....			125	77		
Yamanashi Ken.....			129	33		
Yehime Ken.....			139	48		
The Hokkaido.....			21	7	1	
Taiwan (Formosa).....			92	13		
Totals.....	2	1	6,002	1,931	65	32

\* No report.

## TURKEY.

*Report of the United States sanitary representative.*

[Report No. 161.]

CONSTANTINOPLE, October 14, 1896.

SIR: Scarlet fever, diphtheria, smallpox, measles, and typhoid fever are the prevailing diseases at the present. Scarlet fever is rather light and is scattered all over the town. There are a few cases of diphtheria here and there, but at Chenzuel-Kivi, on the Asiatic side of the Bosphorus, it exists in an epidemic form. In that village many children have been its victims. The other diseases are rather light, excepting smallpox, from which about 15 or 20 persons die every month. There exists also an epidemic of diarrhea with fever among children. The diarrhea lasts for several days and does not improve except by the administration of the salts of quinia.

The sanitary news from the provinces announce an outbreak of bubonic plague in Yemen. A quarantine of ten days with disinfection by the disinfecting furnace has been ordered against ships coming from Yemen, as well as from Bombay, where the same disease broke out. In Bas-



sorah the disinfection will be performed by chemical agents (sulphur), as there does not exist any lazaretto or disinfecting furnace in the latter place.

Quarantine against Egypt has been already abolished. According to the last cholera bulletin from Egypt from the 3d instant up to the 11th last, there were 34 cholera deaths registered in Egypt. Since the beginning of the epidemic on the 15th of October of last year 17,656 cholera deaths have been registered.

SPIRIDION C. ZAVITZIANO.

#### STATISTICAL REPORTS.

**AUSTRALIA—Brisbane.**—Month of July, 1896. Estimated population, 93,657. Total deaths, 107, including enteric fever, 2, and diphtheria, 1.

**Melbourne.**—Four weeks ended September 19, 1896. Estimated population, 1,140,405. Total deaths not reported. The deaths included 5 from diphtheria.

**New South Wales—Newcastle.**—Month of July, 1896. Estimated population, 15,329. Total deaths, 17, including scarlet fever, 2, and measles, 1.

Month of August, 1896. Total deaths, 21, including scarlet fever, 1.

**Sydney.**—Month of August, 1896. Estimated population, 408,500. Total deaths, 477, including enteric fever, 2; scarlet fever, 1; diphtheria, 3, and whooping cough, 1.

**BAHAMAS—Dunmore Town.**—Two weeks ended October 3, 1896. Estimated population, 1,472. No deaths.

**Governor's Harbor.**—Four weeks ended October 24, 1896. Estimated population, 1,500. Total deaths, 2. No deaths from contagious diseases.

**Green Turtle Cay—Abaco.**—Two weeks ended October 22, 1896. Estimated population, 3,900. No deaths.

**Inagua.**—Month of September, 1896. Estimated population, 1,200. One death. No death from contagious disease.

**CUBA—Manzanillo.**—Two weeks ended October 15, 1896. Estimated population, 14,000. Total deaths, 35, including smallpox, 2; typhus fever, 2, and enteric fever, 5.

**FRANCE—Nantes.**—Month of September, 1896. Estimated population, 125,757. Total deaths, 265, including enteric fever, 5; diphtheria, 1, and measles, 3.

**Roubaix.**—Month of September, 1896. Estimated population, 125,000. Total deaths, 177, including diphtheria, 2; measles, 3, and whooping cough, 1.

**GREAT BRITAIN—England and Wales.**—The deaths registered in 33 great towns of England and Wales during the week ended October 17, correspond to an annual rate of 16.3 a thousand of the aggregate population, which is estimated at 10,846,971. The highest rate was recorded in Bolton, viz, 23.8, and the lowest in Leicester, viz, 9.4 a thousand.

**London.**—One thousand three hundred and thirty-three deaths were registered during the week, including measles, 9; scarlet fever, 16;

diphtheria, 66 ; whooping cough, 15 ; enteric fever, 17, and diarrhea and dysentery, 14. The deaths from all causes correspond to an annual rate of 15.7 a thousand. In greater London 1,678 deaths were registered, corresponding to an annual rate of 14.2 a thousand of the population. In the "outer ring" the deaths included 21 from diphtheria, 4 from whooping cough, and 6 from scarlet fever.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended October 17 in the 16 principal town districts of Ireland was 18.9 a thousand of the population. The lowest rate was recorded in Kilkenny, viz, 4.7, and the highest in Armagh, viz, 35.1 a thousand. In Dublin and suburbs 148 deaths were registered, including scarlet fever, 2 ; enteric fever, 7, and whooping cough, 3.

*Scotland.*—The deaths registered in 8 principal towns during the week ended October 17 correspond to an annual rate of 17.9 a thousand of the population, which is estimated at 1,518,347. The lowest mortality was recorded in Greenock, viz, 13.5, and the highest in Dundee, viz, 20.3 a thousand. The aggregate number of deaths registered from all causes was 523, including measles, 5 ; scarlet fever, 10 ; diphtheria, 3, and whooping cough, 7.

UNITED STATES OF COLOMBIA—*Barranquilla.*—Month of September, 1896. Estimated population, 40,000. Total deaths, 67. No deaths from contagious diseases.

WEST INDIES—*Guadaloupe—Pointe à Pitre.*—Four days ended October 4, 1896. Estimated population, 18,500. Total deaths, 15. Three cases and 2 deaths from yellow fever are reported from Barre Terre, 30 miles from Pointe à Pitre.

## MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Aix la Chapelle.....	Oct. 10....	111,602	44							2	2
Amherstburg .....	Oct. 24....	2,300	0								
Amsterdam .....	Oct. 17....	490,509	117					2		1	
Belfast.....	Oct. 10....	277,354	98					1	2		1
Belize.....	Oct. 23....	13,000	6								
Belleville.....	Oct. 26....	10,459	4					1			
Birmingham.....	Oct. 17....	501,241	196					4	3	3	2
Bologna.....	do.....	121,579	65					2		1	
Bombay.....	Sept. 29....	821,764	720	3	2						
Bradford.....	Oct. 10....	221,610	64					1		1	
Bremen.....	do.....	142,200	46							1	
Brussels.....	do.....	507,985	146					5	1	1	1
Budapest.....	Oct. 14....	600,000						2	4	7	
Calcutta.....	Sept. 19....	681,560	322	4							
Cardenas.....	Oct. 24....	23,517	34	3				2	4		
Cardiff.....	Oct. 17....	162,690	47								1
Catania.....	Oct. 13....	120,000	48					1	1		1
Chatham.....	Oct. 28....	9,052	3					1			
Cienfuegos.....	Oct. 25....	24,030	36		9	5					
Cognac.....	Oct. 10....	20,000	9				1				
Do.....	Oct. 17....	20,000	4								
Cologne.....	Oct. 10....	327,940	110							4	3
Copenhagen.....	Oct. 3....	333,714	93					1	2		1
Dublin.....	Oct. 10....	350,000	158				1	3	2		
Do.....	Oct. 17....	350,000	148					3	3		
Dundee.....	Oct. 10....	161,630	63								
Do.....	Oct. 17....	161,630	63								
Dusseldorf.....	Oct. 10....	180,825	41								
Edinburgh.....	Oct. 17....	276,514	95						2	1	3
Flushing.....	do.....	16,300	4								
Frankfort on the Main.....	do.....	234,000	66								
Genoa.....	do.....	211,000	77								
Ghent.....	do.....	157,214	55							1	
Gibraltar.....	Oct. 11....	25,800	4								
Girgenti.....	Oct. 10....	24,428	6								
Glasgow.....	do.....	705,052	256					1	3	1	14
Gothenburg.....	Oct. 14....	110,482	39							1	7
Halifax.....	Oct. 24....	38,700	14							1	
Hamburg.....	Oct. 17....	625,532	174							4	4
Hamilton, Bermuda.....	Oct. 20....	15,013	2								
Do.....	Oct. 27....	15,013	1								
Hanover.....	Aug. 15....	209,116	92						1		
Do.....	Aug. 22....	209,116	91								
Do.....	Aug. 29....	209,116	70								
Do.....	Sept. 12....	209,116	73								
Hongkong.....	Sept. 19....	232,662		2							
Do.....	Sept. 26....	232,662	(9)								
Honolulu.....	Oct. 10....	28,000	8								
Iquique.....	Sept. 5....	33,106	29								
Do.....	Sept. 12....	33,106	41								
Do.....	Sept. 19....	33,106	27								
Do.....	Sept. 26....	33,106	28								
Kingston, Canada.....	Oct. 30....	18,037	4								
Leeds.....	Oct. 17....	402,449	126					2	2		1
Leghorn.....	do.....	103,507	38					1			
Leith.....	do.....	74,110	23								
Licata.....	Oct. 10....	20,000	19		3		2				
Liege.....	Oct. 17....	163,107	37					1			
Liverpool.....	Oct. 10....	641,063	238					3	8	5	1
Livingston.....	Oct. 17....	1,500	1								
London, Canada.....	Oct. 24....	34,429	4								
Lyons.....	Oct. 10....	466,767	128								
Madras.....	Sept. 26....	452,518	444	7				4			14
Madrid.....	Oct. 14....	482,816	331								
Magdeburg.....	Sept. 26....	215,057	84			70		8	1	2	
Manchester.....	Oct. 10....	531,697	217					2	2	1	2
Mannheim.....	do.....	92,000	25								3
Maracaibo.....	do.....	50,000	22								
Matamoras.....	Oct. 23....	8,000	5								
Matanzas.....	Oct. 14....	55,000	61	16							
Do.....	Oct. 21....	55,000	63	11				3			
Mayence.....	Oct. 17....	74,917	22								

\* Three deaths from plague.

## MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Whooping cough.
Messina.....	do.....	107,000	20								
Moscow.....	Oct. 13.....	800,000	475			1	8	2	9	7	7
Do.....	Oct. 10.....	800,000	440			1	10	1	8	12	3
Munich.....	Oct. 3.....	406,000	196						1	5	5
Newcastle on Tyne.....	Oct. 19.....	212,223	68							2	
Nuremberg.....	Oct. 3.....	165,283	46							2	1
Odessa.....	Oct. 10.....	353,000	216					3	37	2	2
Osaka and Hiogo.....	Sept. 26.....	161,120	137			26		3			
Do.....	Oct. 3.....	161,120	161			37		6			
Palermo.....	Oct. 10.....	273,000	120								
Paris.....	Oct. 3.....	2,311,955	716			1		2	4	3	8
Do.....	Oct. 10.....	2,311,955	784					6	1	6	5
Plymouth.....	Oct. 17.....	89,686	30								
Prague.....	Oct. 10.....	197,634	97					1		4	
Puerto Cortes.....	Oct. 21.....	1,850	0								
Quebec.....	Oct. 24.....	70,000								3	
Rheims.....	Oct. 17.....	108,943	39								
Rio Grande do Sul.....	Aug. 29.....	20,000	22			3					
Do.....	Sept. 5.....	20,000	20								
Do.....	Sept. 12.....	20,000	15								
Do.....	Sept. 19.....	20,000	15			1					
Rome.....	Sept. 12.....	473,296	119				3				2
Do.....	Sept. 19.....	473,296	100					6			
Rotterdam.....	Oct. 10.....	282,717	86							1	1
Do.....	Oct. 17.....	282,717	84								
St. Georges.....	do.....	2,150	0								
Do.....	Oct. 24.....	2,150	1								
St. Johns.....	Oct. 10.....	16,679	15								
Do.....	Oct. 17.....	16,679	13								
St. Petersburg.....	Oct. 10.....	1,013,000	480			4		36	14	14	4
St. Stephen.....	Oct. 24.....	3,000	9								
Schiedam.....	Oct. 17.....	26,223	0								
Sheffield.....	do.....	349,910	145					2	6		3
Southampton.....	do.....	94,093	28						3	1	
Stettin.....	Oct. 10.....	120,000	64						2	1	
Stuttgart.....	Oct. 15.....	153,378	46					1		1	
Swansea.....	June 27.....	98,250	24								
Do.....	July 4.....	98,250	23								
Do.....	July 11.....	98,250	20							1	
Do.....	July 18.....	98,250	28								
Do.....	July 25.....	98,250	22						1		
Do.....	Aug. 1.....	98,250	34								1
Do.....	Aug. 8.....	98,250	31								
Do.....	Aug. 15.....	98,250	27					1			
Do.....	Aug. 22.....	98,250	36								
Do.....	Aug. 29.....	98,250	36								
Do.....	Sept. 5.....	98,250	22								
Do.....	Sept. 12.....	98,250	27							1	1
Do.....	Sept. 19.....	98,250	23								4
Do.....	Sept. 26.....	98,250	33							1	2
Tegucigalpa.....	Oct. 12.....	12,000	3								
Trapani.....	Oct. 10.....	43,095	12								
Trieste.....	do.....	153,314	76					1		3	
Tuxpan.....	do.....	10,280	11			2					2
Venice.....	do.....	161,636	57					1			
Vera Cruz.....	Oct. 22.....	27,065	30			1					
Warsaw.....	Oct. 3.....	553,643	258			5	1		20	4	7
Do.....	Oct. 10.....	553,643	289								
Yarmouth.....	Oct. 24.....	6,087	1								
Yokohama.....	Oct. 2.....	170,252		1				2		1	
Zurich.....	Oct. 10.....	150,000	37								

By authority of the Secretary of the Treasury :

WALTER WYMAN,  
Supervising Surgeon-General U. S. Marine-Hospital Service.

